

Tablo 1
ÖĞRETİM PROGRAMI TABLOSU
HACETTEPE ÜNİVERSİTESİ
FEN BİLİMLERİ ENSTİTÜSÜ
ENDÜSTRİ MÜHENDİSLİĞİ ANABİLİM DALI
ENDÜSTRİ MÜHENDİSLİĞİ TEZLİ YÜKSEK LİSANS PROGRAMI

DERSİN KODU VE ADI	T	P	K	AKTS	ŞUBE SAYISI	DERSİN KODU VE ADI	T	P	K	AKTS	ŞUBE SAYISI
1. YARIYIL						2. YARIYIL					
ZORUNLU DERSLER LİSTESİ						ZORUNLU DERSLER LİSTESİ					
EMÜ651 - Optimization Theory	3	0	3	10	1	EMÜ690 - Seminar	0	2	0	1	15
EMÜ661 - Probability and Statistics for Engineers	3	0	3	10	1	FBE601 - Scientific Research Methods and Publication Ethics	2	0	2	5	
TOPLAM ZORUNLU DERS	6	0	6	20		TOPLAM ZORUNLU DERS			2	6	
SEÇMELİ DERSLER LİSTESİ						SEÇMELİ DERSLER LİSTESİ					
In-field Elective I	3	0	3	5		In-field Elective III	3	0	3	8	
In-field Elective II	3	0	3	5		In-field Elective IV	3	0	3	8	
						In-field Elective V	3	0	3	8	
TOPLAM SEÇMELİ DERS	6	0	6	10		TOPLAM SEÇMELİ DERS		9	0	9	24
YARIYIL TOPLAM			12	30		YARIYIL TOPLAM			11	30	
3. YARIYIL						4. YARIYIL					
ZORUNLU DERSLER LİSTESİ						ZORUNLU DERSLER LİSTESİ					
EMÜ600 - Special Topics	4	0	0	30	15	EMÜ600 - Special Topics	4	0	0	30	15
TOPLAM ZORUNLU DERS	4	0	0	30		TOPLAM ZORUNLU DERS		4	0	0	30
SEÇMELİ DERSLER LİSTESİ						SEÇMELİ DERSLER LİSTESİ					
TOPLAM SEÇMELİ DERS	0	0	0	0		TOPLAM SEÇMELİ DERS		0	0	0	0
YARIYIL TOPLAM			0	30		YARIYIL TOPLAM			0	30	

GENEL TOPLAM	23	120	
ZORUNLU DERS KREDİ MİKTARI	8	26	
SEÇMELİ DERS KREDİ MİKTARI	15	34	
ZORUNLU DERS KREDİ YÜZDESİ		43%	
SEÇMELİ DERS KREDİ YÜZDESİ		57%	

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SEÇMELİ DERS LİSTESİ

DERSİN KODU VE ADI	T	P	K	AKTS	ŞUBE SAYISI
EMÜ652 - Multi Objective Combinatorial Optimization	3	0	3	10	1
EMÜ653 - Multi-criteria Optimization	3	0	3	10	1
EMÜ654 - Heuristic Methods for Optimization	3	0	3	10	1
EMÜ655 - Network Flows	3	0	3	10	1
EMÜ656 - Stochastic Models	3	0	3	10	1
EMÜ657 - Simulation Analysis and Applications	3	0	3	10	1
EMÜ658 - Game Theoretical Models	3	0	3	10	1
EMÜ659 - Dynamic Decision Models	3	0	3	10	1
EMÜ662 - Design and Analysis of Engineering Experiments	3	0	3	10	1
EMÜ664 - Reliability Engineering	3	0	3	10	1
EMÜ665 - Time Series Analysis and Forecasting	3	0	3	10	1
EMÜ667 - Regression Analysis	3	0	3	10	1
EMÜ668 - Queueing Systems	3	0	3	10	1
EMÜ669 - Probabilistic Graphical Models	3	0	3	10	1
EMÜ671 - Inventory Systems Control	3	0	3	10	1
EMÜ672 - Manufacturing Systems Design and Planning	3	0	3	10	1
EMÜ673 - Manufacturing Processes	3	0	3	10	1
EMÜ674 - Virtual Manufacturing	3	0	3	10	1
EMÜ675 - Pricing and Revenue Management	3	0	3	10	1
EMÜ677 - Military Operations Research	3	0	3	10	1
EMÜ678 - Logistics	3	0	3	10	1
EMÜ679 - Advanced Mathematical Modeling in Operations Research	3	0	3	10	1
EMÜ692 - Special Problems in Industrial Engineering	3	0	3	10	1